GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

STARRED QUESTION NO:301
ANSWERED ON:17.08.2006
TECHNOLOGY MISSION WITH IIT
Gangwar Shri Santosh Kumar

Will the Minister of RAILWAYS be pleased to state:

(a)Whether the Railways had signed any agreement with IIT, Kanpur for providing a technology mission to ensure safety of passengers and railways in the wake of the increasing number of rail accidents;

(b) if so, the details thereof ;

(c) Whether the Railways have retracted from the said agreement; and

(d) if so, the reasons therefor?"

Answer

MINISTER OF RAILWAYS (SHRI LALU PRASAD)

(a) to (d) A Statement is laid on the Table of the Sabha.

STATEMENT REFERRED TO IN REPLY TO PARTs (a) to (d) OF STARRED QUESTION NO.301 BY SHRI SANTOSH GANGWAR TO BE ANSWERED IN LOK SABHA ON 17.82006 REGARDING TECHNOLOGY MISSION WITH IIT

(a) No agreement has been signed by Ministry of Railways with Indian Institute of Technology (IIT) /Kanpur. However, a 'Mission Management Manual' for 'Technology Mission for Railway Safety' jointly prepared and signed by Director General, Research Designs and Standards Organisation and Director, IIT/Kanpur, has been approved by the Ministry of Railways.

(b) The Mission has been set up to address safety-related issues on Indian Railways in collaboration with the Ministry of Human Resource Development, represented by IIT/Kanpur and Industry partners. Railway Board had initially approved 14 safety projects at an estimated cost of Rs.26.5 crores, Railway's share being Rs.8.01 Crore. The cost sharing is to be done amongst Ministry of Human Resource Development, Ministry of Railways and Industry in the ratio of 50:30:20 respectively. After review of the progress and scope of the projects, the number of projects have been pruned down to 12 and accordingly revised estimated cost gets reduced to Rs.24 Cr. and Railway's share to Rs.7.20 Cr. The list of the 12 projects under Technology Mission for Railway Safety is given below:-

1. Track Side Bogie Monitoring System
2. Derailment Detector Devices

3. Sensors for Detecting Hotboxes, Hot Wheels

4. On-Board Diagnostics

5. Wheels and Axles of Improved Metallurgy

6. Measuring Wheel Technology

7. Environmental Friendly Coach Toilet Discharge System

8. Corrosion Prevention of Rails

9. Improved Fastenings

10. Rail Flaw Detection Instrumentation

11. Satellite Imaging for Rail Navigation (SIMRAN)

(i) Gloabal Positioning System based Rail Network Mapping and Train Tracking

(ii) Wireless Connectivity

12. Fog Vision Instrumentation

(c) No, Sir.

(d) Does not arise.